



# Crop Weather Report

Issue: 07-02

For the Month Ending:  
February 28, 2007

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Issued:

Weekly: April-October  
Monthly: November-March

## Agricultural Summary

Montana received moderate to heavy precipitation during the month of February. Swan Lake received a total of 3.12 inches, the highest amount in the state. Grass Range, Millegan, Sweet Grass, Townsend, and Valentine set new highs for February precipitation. West Yellowstone had the low temperature for the month at minus 36 degrees, and Roundup, Hardin, and Rapelje reached 64 degrees.

The weather outlook for March 12<sup>th</sup> through March 18<sup>th</sup> is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period are highs in the mid 30s to mid 40s and lows ranging from 0 to the mid 20s.

Soil Moisture Condition	This Month	Last Month	Last Year
<b>Topsoil Moisture</b>			
Very Short	3	9	10
Short	22	35	38
Adequate	72	54	50
Surplus	3	2	2
<b>Subsoil Moisture</b>			
Very Short	10	17	21
Short	39	46	44
Adequate	50	36	34
Surplus	1	1	1

## Livestock Report

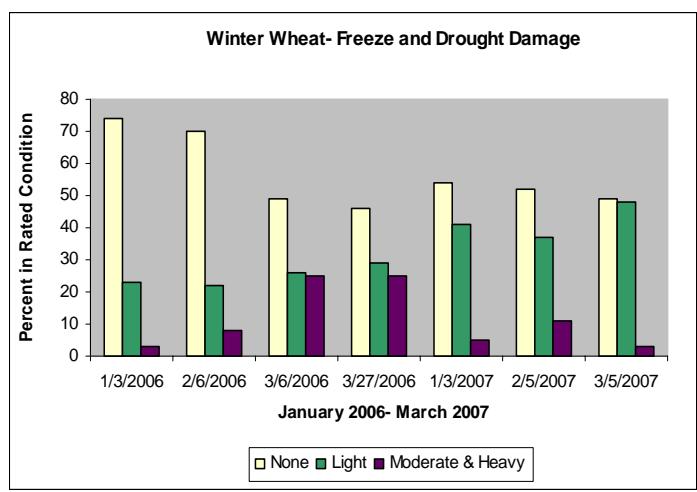
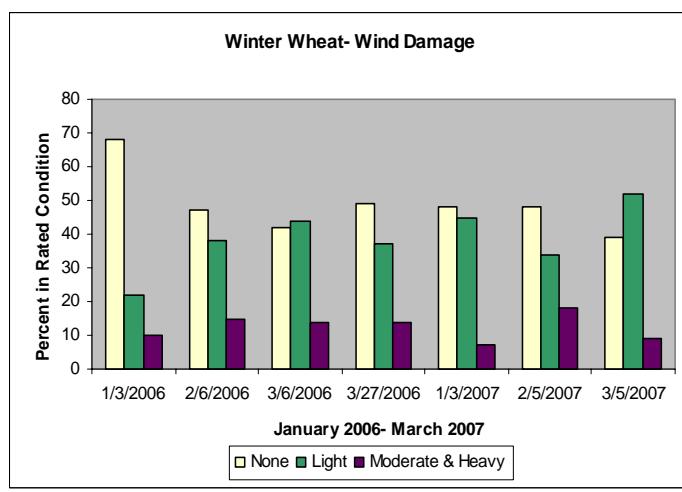
The availability of open range for livestock has decreased due to adequate monthly snowfall. A large percentage of livestock are still receiving supplemental feed.

Livestock Table	This Month	Last Month	Last Year
<b>Livestock Birthing</b>			
Calving Completed	26	3	29
Lambing Completed	9	1	19
<b>Receiving Supplemental Feed</b>			
Cattle & Calves	97	94	97
Sheep & Lambs	96	96	96
<b>Livestock Grazing</b>			
Open	52	70	65
Difficult	27	18	14
Closed	21	12	21

## Field Crops Report

The protectiveness of snow cover has improved due to higher levels of snowfall for the month. Eighteen percent is rated good and excellent, compared with 5 percent last month and 12 percent last year. Damage to winter wheat from wind, freeze, and drought has decreased. Nine percent has moderate and heavy wind damage, and only 3 percent has damage from freeze or drought. The overall winter wheat condition rated good and excellent is 34 percent, down from January's 54 percent. Winter wheat is still dormant across the state, a bit behind last year's progress.

Crop Table	This Month	Last Month	Last Year
<b>Winter Wheat - Condition</b>			
Very poor	0	0	0
Poor	2	5	12
Fair	64	41	50
Good	28	44	32
Excellent	6	10	6
<b>Winter Wheat - Wind Damage</b>			
None	39	48	42
Light	52	34	44
Moderate	8	17	12
Heavy	1	1	2
<b>Winter Wheat - Freeze and Drought Damage</b>			
None	49	52	49
Light	48	37	26
Moderate	3	10	24
Heavy	0	1	1
<b>Winter Wheat - Protectiveness of Snow Cover</b>			
Very Poor	23	49	58
Poor	9	25	25
Fair	50	21	5
Good	14	5	12
Excellent	4	0	0
<b>Winter Wheat - Spring Stages</b>			
Still Dormant	100	n/a	96
Greening	0	n/a	4
Greening and Growing	0	n/a	0



THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:  
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents  
USDA County Service Centers

**Weather Information for the Month ending 02/28/2007**

Station	Temperature				Precipitation February			Precipitation October 1 to date		
	Hi	Low	Avg	DFN	Total	DFN	% Nrm	Total	DFN	% Nrm
<b>NORTHWEST</b>										
Alberton	55	5	33	+4	1.36	+0.57	172	9.20	+4.46	194
Anaconda	59	-7	29	+2	1.06	+0.60	230	5.15	+1.68	148
Clinton	50	-1	30	+1	1.52	+0.73	192	7.75	+3.01	164
Corvallis	61	-2	33	+3	0.50	-0.26	66	2.54	-2.39	52
Creston	47	10	29	+2	1.52	+0.37	132	4.21	-2.77	60
Deer Lodge	59	-7	28	+4	0.48	+0.16	150	2.93	+0.59	125
Drummond	54	0	30	+3	1.06	+0.46	177	3.39	-0.64	84
Hamilton	62	-2	34	+4	0.12	-0.64	16	3.54	-1.39	72
Kalispell	45	2	29	+3	1.25	+0.15	114	5.48	-1.05	84
Missoula	54	6	33	+5	1.04	+0.25	132	5.24	+0.50	111
Olney	43	-3	25	-1	1.79	-0.35	84	10.89	-0.01	100
Polson	51	8	31	+0	1.00	+0.15	118	4.69	-0.84	85
St Ignatius	54	5	32	+1	1.48	+0.78	211	4.78	-0.29	94
Seeley Lake	49	-7	28	+3	1.59	-0.12	93	10.03	-0.70	93
Sula	53	-15	30	+4	0.76	-0.05	94	4.73	-0.55	90
Superior	58	9	35	+3	1.30	+0.26	125	9.00	+1.77	124
Swan Lake	50	2	29	+1	3.12	+0.78	133	14.29	+0.20	101
Thompson Falls	51	6	31	-2	2.91	+0.90	145	15.38	+3.50	129
West Glacier	43	10	28	+2	2.14	-0.16	93	14.88	+0.87	106
<b>NORTH CENTRAL</b>										
Chester	51	-30	18	-4	1.46	+1.20	562	3.70	+1.82	197
Chinook	53	-28	17	-5	0.59	+0.33	227	2.87	+0.62	128
Choteau	60	-8	24	-5	0.47	+0.27	235	1.61	+0.02	101
Cut Bank	56	-13	23	-1	0.04	-0.25	14	0.43	-1.37	24
Ft Assinniboine	50	-25	18	-5	0.82	+0.48	241	2.66	+0.28	112
Fort Benton	55	-8	23	-5	1.63	+1.17	354	4.06	+0.85	126
Goldbutte	54	-24	20	-6	0.94	+0.64	313	3.82	+1.68	179
Harlem	52	-29	18	-3	0.10	-0.25	29	2.30	+0.05	102
Havre	51	-25	20	-2	0.81	+0.45	225	2.58	+0.25	111
Malta	52	-23	18	+3	0.37	+0.07	123	2.45	+0.38	118
Rudyard	51	-30	18	-7	0.82	+0.41	200	3.19	+0.38	114
Shelby	52	-10	22	-5	1.05	+0.78	389	3.32	+1.48	180
Turner	45	-26	15	-3	0.42	+0.12	140	1.48	-0.59	71
Valier	58	-6	23	-4	0.54	+0.27	200	1.83	-0.01	99
<b>NORTHEAST</b>										
Bredette	45	-24	11	-6	0.58	+0.34	242	2.40	+0.57	131
Culbertson	50	-31	13	-4	0.60	+0.33	222	2.16	-0.11	95
Glasgow	47	-18	16	-2	0.32	+0.05	119	1.91	+0.00	100
Glendive	52	-22	20	+0	0.64	+0.32	200	2.11	-0.30	88
Jordan	53	-24	20	-4	0.58	+0.25	176	2.22	-0.20	92
Nashua	51	-22	16	-2	0.53	+0.26	196	2.39	+0.48	125
Opheim	43	-34	11	-4	0.32	+0.01	103	1.52	-0.13	92
Plentywood	47	-25	11	-6	0.35	+0.11	146	1.38	-0.46	75
St Marie	46	-22	14	-4	0.06	-0.21	22	1.11	-0.80	58
Scobey	47	-32	12	-5	0.40	+0.16	167	1.55	-0.28	85
Sidney	51	-21	15	-6	0.51	+0.17	150	1.80	-0.78	70
Wolf Point	52	-28	16	-5	0.10	-0.24	29	0.89	-1.80	33
<b>CENTRAL</b>										
Cascade	54	-21	24	-4	0.93	+0.55	245	3.73	+0.78	126
Grass Range	58	-21	23	-6	1.62	+1.26	450	5.22	+1.92	158
Great Falls	55	-5	25	-3	1.53	+0.96	268	4.38	+0.61	116
Harlowton	59	-8	25	-5	0.52	+0.10	124	3.90	+1.17	143
Helena	63	-11	29	+3	0.65	+0.24	159	2.97	+0.26	110
Lewistown	46	-17	22	-3	0.74	+0.11	117	4.14	-0.25	94
Martinsdale	58	-9	25	-4	1.03	+0.70	312	3.14	+0.47	118
Neihart	48	-11	24	-4	1.49	+0.79	213	8.52	+3.36	165
Rogers Pass	58	-17	25	-4	0.78	+0.35	181	4.39	+1.75	166
Roundup	64	-11	26	-5	0.58	+0.22	161	3.78	+1.33	154
Ryegate	60	-14	22	-3	1.27	+0.92	363	4.25	+1.64	163
Stanford	58	-11	24	-4	0.88	+0.38	176	4.05	+0.66	119
Townsend	53	-16	27	-3	0.96	+0.68	343	2.70	+0.48	122
Valentine	55	-28	21	-5	1.11	+0.72	285	3.79	+1.16	144
Wht Sulphur Spr	47	-21	25	+2	1.08	+0.36	150	2.55	-2.08	55
<b>SOUTHWEST</b>										
Boulder	61	-17	28	+2	0.49	+0.14	140	2.94	+0.42	117
Bozeman	58	-13	29	+1	1.87	+1.20	279	9.41	+4.34	186
Butte	56	-12	26	+5	0.75	+0.38	203	3.63	+1.05	141
Dillon	57	-10	28	+2	0.61	+0.42	321	2.61	+0.85	148
Ennis	58	-12	28	-2	1.06	+0.67	272	4.78	+2.03	174
Lakeview	48	-23	25	+10	0.98	+0.08	109	6.33	+0.02	100
W Yellowstone	44	-36	20	+4	1.59	-0.05	97	6.72	-2.70	71
Wisdom	53	-15	22	+5	0.64	+0.19	142	5.00	+1.83	158
<b>SOUTH CENTRAL</b>										
Billings	63	-4	27	-3	0.56	-0.08	88	4.47	+0.16	104
Cooke City	50	-18	25	+10	0.99	-0.83	54	5.29	-4.67	53
Gardiner	51	-9	30	+2	0.74	+0.40	218	3.64	+0.79	128
Hardin	64	-22	27	+3	0.39	-0.31	56	2.96	-1.54	66
Huntley	58	-21	24	-4	0.70	+0.23	149	3.92	+0.55	116
Hysham	54	-13	25	-3	1.00	+0.66	294	3.53	+0.62	121
Joliet	53	-7	26	-4	0.41	-0.18	69	5.07	+1.01	125
Livingston	58	-11	29	-3	1.01	+0.57	230	5.25	+1.70	148
Nye	57	-14	28	-3	0.57	+0.13	130	4.75	+1.20	134
Rapeland	64	-5	26	-2	0.61	+0.03	105	4.08	+0.29	108
<b>SOUTHEAST</b>										
Albion	51	-34	18	-4	0.86	+0.51	246	2.24	-0.31	88
Baker	46	-20	18	-5	0.23	-0.14	62	2.29	-0.54	81
Broadus	52	-22	25	-1	1.03	+0.59	234	2.77	-0.36	88
Ekalaka	53	-21	20	-5	1.08	+0.65	251	2.96	-0.33	90
Miles City	51	-15	22	-2	0.38	-0.07	84	1.46	-1.62	47
Plevna	48	-29	18	-4	0.82	+0.45	222	2.87	+0.04	101

Compiled by AWIS, Inc. based on NWS data. DFN - Departure from normal 1961-1990.